

SEQUENCE LISTING

<110> Japan Tobacco Inc.

<120> METHOD FOR SCREENING GENOMIC DNA FRAGMENTS

<130> YCT-990

<160> 162

<210> 1

<211> 400

<212> DNA

<213> Oryza rufipogon

<220>

<223> A029B04 F: one terminus of DNA fragment A029B04.

<400> 1

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tcccccatgg cacagggcca gcgaggtcga tcaatcacta tgggagccat actattgtag	180
aagttctcaa tgagatattt gcaagcaatg tggcagaact ctctgtgcag atagtgaagg	240
tagctctgcc atgtacacag gagtgaggtg atgaaccagc accctgtgtt tttaacaact	300
agataaggtg tttggcttct attgtagagc tgcattggcat atatataatt agtagaagta	360
aacatgcagt acattttcag tacacaagca tttttttcct	400

<210> 2

<211> 400

<212> DNA

<213> Oryza rufipogon

<220>

<223> A029B04 R: the other terminus of DNA fragment A029B04 to A029B04 F.

<400> 2

tcgagctaat taactagcca agtgtagggt tgggagacat ctggatatca cttctgacgt	60
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tttcctatgt gtaaactact gagatttggt atggcagttt ctgtggcact tgcacaagga	120
ccagttttat tcctccttga actgtaatta accacctttt tcaccgacct tcctttcgag	180
tagctagaga catttctaca tgctcgaatt aattagttaa tgctaggaac tggatcccta	240
tttttgagtt acagaagttg ctagctactc tgttcttagt ttctcacgga gtgcagctag	300
ctagcttcga taaacagctc aaaaaacaga aatttagtcc tggcaaagt atgtgccaaa	360
cttaatgcat gagaatatgt ttttttttct catgttactt	400

<210> 3

<211> 300

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A028C04 F: one terminus of DNA fragment A028C04.

<400> 3

tcgattaaga cagcaggacg gtggtcatgg aagtcgaaat ccgctaagga gtgtgtaaca	60
actcacctgc cgaatcaact agccccgaaa atggatggcg ctgaagcgcg cgaccacac	120
caggccatct gggcgagcgc catgccccga tgagtaggag ggcgcggcgg ccgccgcaaa	180
acccggggcg cgagcccggg cggagcggcc gtcggtgcag atcttggtgg tagtagcaaa	240
tattcaaaat agaactttga aggccgaaga ggagaaaggt tccatgtgaa cggcacttgc	300

<210> 4

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A028C04 R: the other terminus of DNA fragment A028C04 to A028C04 F.

<400> 4

tcgagggcgt tgcgcccccg atgcctctaa tcattggctt tacccgatag aactcgtaat	60
gggctccagc ttccttgagg gaaacttcgg agggaaaccag ctactagatg gttcgattag	120
tctttcgccc ctatacccaa gtcagacgaa cgatttgcac gtcagtatcg cttegagcct	180
ccaccagagt ttctctggc ttgcggcgc tcaggcatag ttcaccatct ttcgggcccc	240
gacaggcgtg ctccaactcg aacccttcac agaagatcag ggtcggccag cgggtcggcc	300

cgtgagggcc tcccgctcgt cagcttcctt gcgcatccca ggtttcagaa cccgctcgact	360
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<210> 5

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A048F12 F: one terminus of DNA fragment A048F12.

<400> 5

tcgatgtagt cctcctcgag gccgaggctg acagagatgg cgccgagaag ccggagcccc	60
agttgccgga cttctcggca gtacgtgctc ataatctctc tgcattgccag gaaaaagtgc	120
aacggaaaat taagcgtcca cgccttaatt ttggcgtttt actgaaacta gttgctgtcc	180
tggacttcag ctagcttgat tttactccag cacattggat tttggaatta acagacgaag	240
taggagaccg atgaagaatc ggtccccttc tttttgcgag gtcaagggtg cggtttacct	300
tttccacgat ttgtctcgag taaaaatctc gcaagttcat gcatgtctct ggtagggtga	360
ttagtcttct acgtgattga actgtattgc tcggttggtg	400

<210> 6

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A048F12 R: the other terminus of DNA fragment A048F12 to A048F12 F.

<400> 6

tcgagtggtc ggcgtccccc ggccgggctc catacggctg gccacgggcg acggcactga	60
gctgcctaac cctggaaca tcgaacacct tcgtcgcttc tacccttgag gggggggctg	120
ggtgtcaggt ttccggctcg ggccaacccc gcacccctc gggcgctcag ggttgcccg	180
gggctgccac acatgcacat tcttatttct cttatttcag tatttcaata aaagcagttt	240
caatttcta aaggctgtat ctgtgctgtt gtttcttttg aagaatcttg acttgaaata	300
ggtcactcgt gctcaatcct gccctcgggg gctcgggtcg gctaaaatcg ccaaacgggg	360
cccagaaccg agccgtgccc cggggcatgg tgaactccgg	400

<210> 7
 <211> 400
 <212> DNA
 <213> *Oryza rufipogon*

<220>

<223> A049A01 F: one terminus of DNA fragment A049A01.

<400> 7

tcgaactaac gctaacaacg tgcagaaaat ctccctgcat ctcgtgatgg ttcattggat	60
cgtagtgggc tccaataagt ggggcttcca ggcccatctt gctggggccc aatagtaccg	120
aaaacgaaag tagcaccaag cttccatgca cgacgacaga aacgagcgat gacattgttg	180
tttctttggg aagaaggaca acacaaccga tccgttagct tgtccatttc gaccctaagt	240
ggtgcaaaat gattggagaa ttagtcacca aaataaataa ttgtactagt tctaagttct	300
gataacacaa ctagtgacca accatgacta gttctttaga gatgggtttc agattttcag	360
tacagagccg acgcaagttc agtgttcaga tgcgccaaat	400

<210> 8
 <211> 400
 <212> DNA
 <213> *Oryza rufipogon*

<220>

<223> A049A01 R: the other terminus of DNA fragment A049A01 to A049A01 F.

<400> 8

tcgagtgcc aacctttctc aatgagagta accattgaaa ttctaacatc tattccatca	60
taaattcttg tttggagcag ctgttttggt cttgacaatt aaaacgcgtg ttaagaaaaa	120
caccgctctt tctattacaa tatTTTtgctg tgggatttcc ctgattaata ccatatgaac	180
ttttatctta catattgcat tgtcttcacg gccaaaagtg agtgactttc agttttcttt	240
ttctatatat gcagcacaga tgattttggt ttagaacgat atgatacaga gataacaacc	300
gaatcaaccc catttgctat tgcacttgca aaacatttgc actctgttgg cgctaagatg	360
tatggagcat tctggtgttc tcattgtaac gaacaaaaac	400

<210> 9

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A046A06 F: one terminus of DNA fragment A046A06.

<400> 9

tcgaactacc gagtcccc taatcatttc gtcttccaag aagacgacgt gtctcgtttc	60
tacaaacttt gtataattgt ttggataata gaaacgataa ctttttgatc tttcaggata	120
gcgaataaaa tggcagctga ctattttggg atccaatttc caaggtttgg gttaaattatt	180
ttagcctcta caggactccc ccacacatgg aggtgagcta gcgagggtag tcttcccgtc	240
catagctcat acagtgtttg ggcaccgatt tgcttggaaac tctgttgagg atatgaatgg	300
cggtttttaa tgtctctatc cataaaccga atggtagagt ggagtagctc atcatgctgc	360
gcaccatata cataagggtg cggttacgcc tttcagctac	400

<210> 10

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A046A06 R: the other terminus of DNA fragment A046A06 to A046A06 F.

<400> 10

tcgaacttgt cttccaattt gcgtacctct tgtcgatatg ccatcatgtt gtcgtcaagg	60
caggaccact ctttcataac ttggttgaca actagctgtg aatcgccctg aactattaga	120
cgctttatcc ctagagaaat tgcgatccgc agtccatgga ggagcgccctc gtactcggcg	180
acgttgtgag acgccgaaaa atgtatccaa agcacatagc ttaattcttc tccagtcggg	240
gaaattaaaa cactcctgc tccagtgcgc gaaagtcgct tcgaccgctc gaaatgcata	300
gtccagtgtc caatcttctc cgcgggggta tctcctggc actcgggtcca ttcggcgaca	360
aatcagcta acgcttgga cttgattgaa gttcgggggt	400

<210> 11

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A045B09 F: one terminus of DNA fragment A045B09.

<400> 11

tcgacgacga cgcggcgaag ccgaaggagg cggcaccgag aggggaggaa gtccggagcg	60
acggcggcgg cgaaccggag ctgctcggcg acggcggaga gagaggaaga cgacgcgagc	120
gcgattccga cgggtgagagc gagcggcgaa cggcggaaac ggaggagaga ggcgcgaggg	180
acgcttaa at agcgacggga gggggagaga gcggccggag agggagaaat cggccgcgga	240
aatctcggcc gccattgatt gcgccggcga ggaatgcggg agagaatccg gacgcatccg	300
agggagagag agagggggga aagcggggga aacgggagag ggaatcgcg ggaatgattc	360
ccccttcatt atggcgcgcg gggacggcgg gatgcggcgg	400

<210> 12

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A045B09 R: the other terminus of DNA fragment A045B09 to A045B09 F.

<400> 12

tcgaggatgc ctgtggagtg gtgttcccgc tgcagttcaa gtcaaggctt agctccagtt	60
ttcttttgtt ttccgctgca tttctgtaag acttttatga tgtttgtaag acgtggatct	120
gaatgtcaac atagtcgttt gtgtaccccg gccggtcctg gacggggggtt ttaatgcaca	180
ttctgcttgg aatcctattc gggaatttct gggcgtgaca gcggctgaca gccggggcccc	240
acgcggcagc cgctcgggtgc gcccgaaggc ggccacggcg gcgcggccgg cgggagggcg	300
ctcgcccgcg cccctatggt cgccggcggc ggccataggc acgtcggagc agcgcccag	360
agaggggagg gaaaggggga aacgaagcgg cgggccacgg	400

<210> 13

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A049A07 F: one terminus of DNA fragment A049A07.

<400> 13

tcgagcagtc cgccggcagc cgacgggttc ggggccggga cccccgagcc cagccctcag	60
agccaatcct tttcccgaag ttacggatcc gttttgccga cttcccttgc ctacattgtt	120
ccattggcca gaggctgttc accttggaaga cctgatgcgg ttatgagtac gaccgggagc	180
ggacgggtact cggctcctccg gattttcaag ggccggccggg ggcgcaccgg acaccgcgcg	240
acgtgcggtg ctcttccggc cgctggaccc tacctccggc tgaaccgttt ccagggttgg	300
cgggccgtta agcagaaaag ataactcttc ccgaggcccc cgccggcgctc tccggacttc	360
ctaacgtcgc cgtcaaccgc cacgtcccgg ctccgggaaat	400

<210> 14

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A049A07 R: the other terminus of DNA fragment A049A07 to A049A07 F.

<400> 14

tcgaaccatc tagtagctgg ttccctccga agtttccctc aggatagctg gagcccatta	60
cgagttctat cgggtaaagc caatgattag aggcacgcgg ggcgcaacgc cctcgaccta	120
ttctcaaact ttaaataagg aggacggcgc ggctgctccg gtgagccgcg ccacggaatc	180
gggagctcca agtggggccat ttttggttaag cagaactggc gatgcgggat gaaccggaag	240
cctggttacg gtgccgaact gcgcgctaac ctagaaccca caaagggtgt tggtcgatta	300
agacagcagg acggtgggtc tggaagtcca aatccgctaa ggagtgtgta acaactcacc	360
tgccgaatca actagccccg aaaatggatg gcgctgaagc	400

<210> 15

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A040D06 F: one terminus of DNA fragment A040D06.

<400> 15

tcgacggggtt ctgaaacctg ggatgcgcaa ggaagctgac gagcgggagg ccctcacggg	60
ccgcaccgct ggccgaccct gatcttctgt gaaggggttcg agttggagca cgcctgtcgg	120
gacccgaaag atggtgaact atgcctgagc ggggcgaagc cagaggaaac tctggtggag	180
gctcgaagcg atactgacgt gcaaatcggt cgtctgactt gggatatagg gcgaaagact	240
aatcgaacca tctagtagct ggttcctcc gaagtttccc tcaggatagc tggagcccat	300
tacgagttct atcgggtaaa gccaatgatt agaggcatcg ggggcgcaac gccctcgacc	360
tattctcaaa ctttaaata gtaggacggc gcggctgctc	400

<210> 16

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A040D06 R: the other terminus of DNA fragment A040D06 to A040D06 F.

<400> 16

tcgagcccc aactttcggt cttgattaat gaaaacatcc ttggcaaagt ctttcgcagt	60
tgttcgtctt tcataaatcc aagaatttca cctctgacta tgaaatacga atgccccga	120
ctgtccctat taatcattac tccgatcccg aaggccaaca caataggacc ggaatcctat	180
gatgttatcc catgctaata tatccagagc gatggcttgc tttgagcact ctaatttctt	240
caaagtaacg gcgccggagg cacgaccg cgagtttaagg ccaggagcgc atgccggca	300
gaagggtcga gcaggtcggt gctcgccgtg aggcggaccg gccggcccgg cccaaggtcc	360
aactacgagc tttttaactg caacaactta aatatacgct	400

<210> 17

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A036A03 F: one terminus of DNA fragment A036A03.

<400> 17

tcgaaaatga ccgtcaacaa aaccccccaa gcttgaacct ttgctcatcc cgagtgaagg	60
acgaaaggaa acaaagactt ggatgttgat cagaagttgc tactatgctg catatctcaa	120
agatacaggt gcaaggcata tgtactctct cttagattaa ataatctttg gcatgggtggc	180
ttatccttac ccctgattct catgagacac tacttctcct tgccttgggc ggttgaaaga	240
cagaacaaca attagagcac caatcacccg atctttattc aattcttatt ctggaagttt	300
ttcaaagat tttgcaaaga aaaccaagtt cctcaaagta ttcaactcagt ctctctaagt	360
gtatcatttc gaattcctca ccaaagatg cctttttgat	400

<210> 18

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A036A03 R: the other terminus of DNA fragment A036A03 to A036A03 F.

<400> 18

tcgatgcatt gagcagaaag gaatattgta atcaagcaat tatccaagga tgcccacatg	60
aactgcaaaa ggaaatacaa caattaagat tggagtttac agaaccggga cttttggcaa	120
ctctagaggt aaaaccaaca cttctagatc aagtctgtga tgctcagaag gaagatgaag	180
aattagaaga aatttgacac ggagttcaaa aaagaattga aatggatttt acggaaaaca	240
atgatggagc tcttagattt aaaggacgtc tttgcatccc agacaggaaa gaaatcaagg	300
atttaatttt gcaagaagcc catcgctcac tcttttctat ccatcctgga agcaccaaga	360
tgtatcatga cctaaaagat actttttgggt ggaagaatat	400

<210> 19

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A051E08 F: one terminus of DNA fragment A051E08.

<400> 19

tcgatgaaga acgtagcgaa atgcgatacc tgggtgtgaat tgcagaatcc cgtgaaccat	60
cgagtctttg aacgcaagtt gcgcccagg ccatccggcc gagggcacgc ctgcctgggc	120

gtcacgcaa aagacgctcc acgcgcccc cctatccggg agggcgcggg gacgcggtgt	180
ctggcccccc gcgcctcgcg gcgcggtggg ccgaagctcg ggctgccggc gaagcgtgcc	240
gggcacagcg catggtggac agctcacgct ggctctaggc cgagtgcac cccggcgcg	300
ggccggcgcg atggcccctc aggacccaaa cgcaccgaga gcgaacgcct cggaccgcga	360
ccccaggtca ggcgggacta cccgctgagt ttaagcatat	400

<210> 20

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A051E08 R: the other terminus of DNA fragment A051E08 to A051E08 F.

<400> 20

tcgatgcgag agccgagata tccgttgccg agagtcgtgt ggatttagct cgtggtatcg	60
cgccgcgccg ccggacggcc agggccgacc gggccggcgc gggcggtatc gctgtgttcc	120
ttgacgccgt cggcgccgtg ggttctgttg cggcccgggg gcctcggttg cctcgcgcg	180
gagcgctcgg cgggcagggg tgacgcgttc gcggtctgtt ttggtcaggg tcacgacaat	240
gatccttccg caggttcacc tacggaaacc ttgttacgac ttctccttcc tctaaatgat	300
aaggttcaat ggaattctcg cgacgtcggg ggcggcgaac cgccccgtc gccgcgatcc	360
gaacacttca ccggaccatt caatcggtag gagcgacggg	400

<210> 21

<211> 300

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A023D09 F: one terminus of DNA fragment A023D09.

<400> 21

tcgacgccat actgatgagc aatgattcgt aatactacta attaattctag cagcatgata	60
cggagcatca acgttaagta agatgagcag catccatcaa gaagaaggaa gcgtctcctc	120
cactgccgag tgacaccacg ctcttgtcct gtaccactat cgctacttaa tgcctaattcc	180
tcctcctgtc gtacaagtac cacgaaacag aatataaaca ataaagacaa gtttttttaa	240

aaaaaaattg tctgaagatt aattaagagt tagtgagatg acgcagagaa gagcatcaac 300

<210> 22

<211> 360

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A023D09 R: the other terminus of DNA fragment A023D09 to A023D09 F.

<400> 22

tcgaatgcc	gttaaagtga	tgccattcca	gcgaatcaac	tcttgcatg	gtagatgtgc	60
aattttctca	ccagatttgg	ctgatagcca	ttagtctgct	gtactattaa	acctgctctg	120
atctagggtt	ccagcccccc	accacggccg	cacagccatg	gatgagcatc	caagcagcca	180
cgcgcgagcg	tgtgtggagg	cggcccagac	tgaagcaa	atcagaaatctg	gtgatggtaa	240
tggtgaaggc	gagcacacca	aaccaaaaac	caaatacaaaa	gctcaactga	aacaaacgta	300
cgaatcatcc	atccatcgcg	cgggtggtggc	tcagatctca	gcgtgggctc	ggcgcagtag	360

<210> 23

<211> 300

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A030B02 F: one terminus of DNA fragment A030B02.

<400> 23

tcgaagcttc	acagttgata	acttgacatg	gtcatcagca	ctatacatgt	catgttgagg	60
gtagcagcc	ttcaactagt	accttattag	gtgcctgaat	aatcgagggtg	gtataattca	120
ttcagacatg	tgcccgtaa	aacttctagg	gaaacttaaa	ttatggcctt	tacattaaaa	180
aaactaaaat	tattttctta	aaaaaactta	aattatgggt	cagactctac	aagaaacgcc	240
cataagtctt	tcgactagct	tcacaagggtg	gtgggctaga	caacctgggt	tcgaaacctc	300

<210> 24

<211> 280

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A030B02 R: the other terminus of DNA fragment A030B02 to A030B02 F.

<400> 24

tcgaggtgaa ctatTTTTTT tctTTTTTTa agttcgttat tctTTTTcttt actacggtaa	60
atttcagtaa atacaaggag tacatcaatt tttccgaaaa tttctatccc aattgtcggt	120
gacatgggac cgggagtatc atgactagag gcttgaggca gacacaatcg cccacgtggc	180
ctggcaccct cgggggacgt cggggccgag ggtgatgtgt tcgccctcct cttagtctcc	240
ccgaggggggt cggaccactc ccgcctcggc cccgagggcc	280

<210> 25

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A043F04 F: one terminus of DNA fragment A043F04.

<400> 25

tcgaccacct tctcagaagc aaaatgtaca aacagagggt gctgaagaag attcgagttt	60
ccattggcac aattcagatg gcagtccaca tgctgagctt gaagatagac atggatacag	120
acacaagagg gcatgctgca cgcgtattgc tggagctcgc gcctgacctc caggtggaga	180
gctttcctgg tatcctgcct gcaatctcct cactgctcag cacaacaag ggggccacaa	240
acagtgaaag ctccagcaac ccaatcactg cagtggcgga cgcaacttta aaatatagat	300
gggacggaga acggagatgt tcaactcgata agagcaatcg aacacaacac atatcgtatt	360
aatagtttat tcgtataagt gtctcaatct gttggatgtt	400

<210> 26

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A043F04 R: the other terminus of DNA fragment A043F04 to A043F04 F.

<400> 26

tcgatagcac cattgggact atactggaca taccaactaa gaccaaggat aggctgaaat	60
cacgtaagga cctcgtggat atgcaaataa ggaaagagta ccttccgcct gcttgctaca	120
ccttgacaag agaggacaaa attgcattgt gcaaatccct acatggggtg agagtgccta	180
ctgccttctc ctcaaacatt aagcgactag tgtcgatgaa ggatctgtcg ctttcaggct	240
acaattctca taactgtcat gtaatgctca cagtattcct tgccattgca actagagcag	300
tcgaaccac gtctgcagaa attagcacca tatacaatcc ttacatttat tcgaaatgca	360
gaataacata acatacaata ccctaaattt gttcgaatca	400

<210> 27

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A049E02 F: one terminus of DNA fragment A049E02.

<400> 27

tcgattaaga cagcaggacg gtggtcatgg aagtcgaaat ccgctaagga gtgtgtaaca	60
actcacctgc cgaatcaact agccccgaaa atggatggcg ctgaagcgcg cgaccacac	120
caggccatct gggcgagcgc catgccccga tgagtaggag ggcgcggcgg ccgccgcaaa	180
acccggggcg cgagcccggg cggagcggcc gtcggtgcag atcttggtgg tagtagcaaa	240
tattcaaattg agaactttga aggccgaaga ggagaaagg tccatgtgaa cggcacttgc	300
acatgggtaa gccgatccta agggacgggg taacccccggc agagagcgcg accacgcgcg	360
tgccccgaaa gggaatcggg ttaagatttc ccgagccggg	400

<210> 28

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A049E02 R: the other terminus of DNA fragment A049E02 to A049E02 F.

<400> 28

tcgaccgaat cgggttttcg gtcggtcggc cgggtgggtgg ctgcacgagc cagcccttc	60
caactcgcgc acggttgccg gtcggtcggc ccggcgcccg aacgtggacc gaaccgggtg	120
ccgtgcgcgt ggcagcccg ccctcccttc cccctacta tagtcgtggg ccatagccag	180
ccccacgcac ccctagcgtc cagcccttca cagctcgac acagttttcg gccggtcgcc	240
cggcggaccg aacgtcgacc gaatcgggtt ttcggtcggg cggccggtgg gtggctgcac	300
gagccagccc ttcccaactc gcgcacggtt gccggtcggg cggcccgccg cccgaacgtg	360
gaccgaaccg ggtgccgtgc gcgtggcagc ccggccatcc	400

<210> 29

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A010C09 F: one terminus of DNA fragment A010C09.

<400> 29

tcgaccgaat cgggttttcg gtcggtcggc caggnggggtg gctgcacgag ccagcccttc	60
ccaactcgcg caccggttgcc ggtcggtcgg cccggcgccc gaacgtggac cgaaccgggt	120
gccgtgcgcg tggcagcccg gccatccctt cccccctact atagtctggg gccatagcca	180
gccaacgca cccctagcgt ccagcccttc acagctcgca cacagttttc ggccggtcgt	240
ccggcggacc gaacgtcgac cgaatcgggt tttcggcccg tcggtggctg caccagccag	300
cccttcccaa ctcgcgcacg gttgccggtc ggtcggcccg gcgaccgaac gtggaccgaa	360
ccgggtgccg tgcgcgtggc agcccgcca tcccttcccc cctactatag tcgtggggcc	420
atagccagcc caacgcaccc ctagcgtgca gcccttcaca gtcgcacac agttttcggg	480
cggncgancg gcggaccgaa	500

<210> 30

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A010C09 R: the other terminus of DNA fragment A010C09 to A010C09 F.

<400> 30

tcgatgtcgg ctcttcctat cattgtgaag cagaattcac caagtgttgg attgttcacc	60
caccaatagg gaacgtgagc tgggtttaga ccgtcgtgag acaggtagt tttaccctac	120
tgatgaccgt gccgcgatag taattcaacc tagtacgaga ggaaccgttg attcacacaa	180
ttggtcatcg cgcttggttg aaaagccagt ggcgcgaagc taccgtgtgc cggattatga	240
ctgaacgcct ctaagtcaga atccaagcta gcaagcggcg cctgcgcccg ccgcccggcc	300
cgacccacgt taggggcgca agccccaag ggcccgtgcc accggccaag ccggcccggc	360
cgacgcgccg cggccggccg cctcgaagct cccttccaa cgggcggcgg gctgaatcct	420
ttgcagacga cttaaatacg cgacggggca ttgtaagtgg cagagtggcc ttgctgccac	480
gatccactga gatccagccc	500

<210> 31

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A011C02 F: one terminus of DNA fragment A011C02.

<400> 31

tcgagttagg gatttgattg aagagtcaat catttagcca tgcactcaag tttcaagtta	60
gagattttgat tgaagagtca atcaatctct aacctgtggg ttaagtagat acatgcccta	120
taaatatcga tatattttaga aatacggtaa ttaccatatt ataagaaacg gtaatttcca	180
caagaatacg gtaaatacga aaatgatcgg tacaacagca aaaccatttc cgtttctggt	240
tccatatattt ttaccatttc catatttttt ggtcgattat catttccata tagctcggcc	300
ggttaaaagt aaaaaacgaa cgccagtcgg ccgggaatta ccgttaccat tttcacctct	360
aagccaaacg atggtggcct tagcatccac agttcaactt ccatctcaaa gaaaaaagaa	420
aaaggattga agcttcatgc cgagtgaaac catgggatgc tgtagtaaca cagacgctaa	480
agatcgcgagc attacaaatt	500

<210> 32

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A011C02 R: the other terminus of DNA fragment A011C02 to A011C02 F.

<400> 32

tcgaaggtgg tgtcaaatta tagccagcca atacatgaac aagttagaaa actgtcaaaa	60
cccaattcat caatagttga gatttgatgg tggatatattt tttttccttt tttctgatta	120
tgacctttta gggttgtaat cttgtaattt ttttctctgg aactttgcac ggttgtaaaa	180
aaaaaacagt tgggactttt caagaaaaaa aaaacggccg gagcactgtc aaacgaactc	240
actaataggc ctcgcaatct tattgggctt ttcacgaaca aaggcccata aaatgtagcc	300
catttaggcc caaactgtac atcaccogtg attaaacggc ccagcccaaa catcataaca	360
ctggataggg tgcagacaag ggtcccaccc gtcagatccc gacacgtcat cattgccgat	420
ccgcttcag aagcagcggc aagtttccat ctcttcttc cccttggett tttatcgctc	480
gatcaggtgg cagcgacaac	500

<210> 33

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A010B03 F: one terminus of DNA fragment A010B03.

<400> 33

tcgaacagcc gactcagaac tggtagcgac aaggggaatc cgactgttta attaaaacaa	60
agcattgcga tggctctcgc ggatgctgac gcaatgtgat ttctgccag tgctctgaat	120
gtcaaagtga agaaattcaa ccaagcgcgg gtaaacggcg ggagtaacta tgactctctt	180
aaggtagcca aatgcctcgt catctaatta gtgacgcgca tgaatggatt aacgagattc	240
ccactgtccc tgtctactat ccagcgaac cacagccaag ggaacgggct tggcggaatc	300
agcggggaaa gaagacctg ttgagcttga ctctagtccg actttgtgaa atgacttgag	360
aggtgtagga taagtgggag ccctcgggcg caagtgaaat accactactt ttaacgttat	420
tttacttatt ccgtgagtcg gaagcggggc ctggcccctc cttttggctc taaggccga	480
gtccctcggg ccgatccggg	500

<210> 34

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A010B03 R: the other terminus of DNA fragment A010B03 to A010B03 F.

<400> 34

tcgaaggatc aaaaagcaac gtcgctatga acgcttggct gccacaagcc agttatccct	60
gtggtaactt ttctgacacc tctagcttca aactccgaag gtctaaagga tcgataggcc	120
acgctttcac ggttcgtatt cgtactggaa atcagaatca aacgagcttt tacccttttg	180
ttccacacga gattttctgtt ctcgttgagc tcattcttagg acacctgcgt tatcttttaa	240
cagatgtgcc gccccagcca aactccccac ctgacaatgt cttccgcccg gatcggcccg	300
agggactcgg gccttagagc caaaaggagg ggccaggccc cgcttccgac tcacggaata	360
agtaaaataa cgtaaaaagt agtgggtattt cacttgcgcc cgagggtcc cacttatcct	420
acacctctca agtcatttca caaagtcgga ctagagtcaa gctcaacagg gtcttctttc	480
cccgtgatt ccgccaagcc	500

<210> 35

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A009F06 F: one terminus of DNA fragment A009F06.

<400> 35

tcgagtttga ttcggattcg tttttccccg aagtttcctt ctgcgccgcg gtcgccgtgg	60
gcctccgtcg ccgcttgcta gcccctttat aaggatcccc ggtgtctcct ctaccgccc	120
ccaccctcgc cttgcctct cgccgccgccc agagccctag cgccgtgcaa ccttgccgccc	180
ccgtcgccgc cgtcgctcca atcgtgcgcc gccgtcgctc cagccgtcgc cgtcgctcgg	240
gaagaccgtc atcgtggtcg ccgtcgcgtc gccgtcctcg tccgcccctt cgccgtcgcc	300
ggagatcgcc ggagcgcat cgccgccgtc gaccgaaga gcttcgccgt ttctcctcg	360
tcgccgtcac cgtccgttgc ctctccgccc tcgctttggt cgtcggtagg ttccgccgtgc	420
cgtccgctac ccgttggtgc cttccgtttg cgtcctcgcg ccgccgcccg agccgtccgc	480
tccgccgagc cgccgccgccc	500

<210> 36

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A009F06 R: the other terminus of DNA fragment A009F06 to A009F06 F.

<400> 36

tcgaatagcc gtgcccgcgg ttatgggcgg gtctaacaat gtctttcgtg attagtctca	60
cccttctcac catagtaaat gatgctataa ttggaataa tttgattagc tcctggtttg	120
gaatggaata ttcctggttt ggagatagaa ctgtgcagcc gggatggttg ttcagattgg	180
ttgggcctat acaacagggg atgttgata gcgttggtt aatactgctt aattaatatt	240
taactgtttt aaattctcaa atgtttgcta aatgtgtctt ttgcaaatgg agccctatta	300
tgccatcctt tgttatcctg tgcacttgca tatttgctgc gtggcttget gagtatgtca	360
tatactcacc ttgcaatcat tcattcagag gaagagttct tcagtgaagc tgatggtgtg	420
gaggattagg tgtagccttg gtcaagctgc ctgtggagtg gagccgtcta cgctgtttat	480
tttattttcc gctgcttaga	500

<210> 37

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A009E11 F: one terminus of DNA fragment A009E11.

<400> 37

tcgagttgga gcacgcctgt cgggacccga aagatggtga actatgcctg agcggggcga	60
agccagagga aactctggtg gaggctcgaa gcgatactga cgtgcaaate gttcgtctga	120
cttgggtata ggggcgaaag actaatcgaa ccatctagta gctggttccc tccgaagttt	180
ccctcaggat agctggagcc cattacgagt tctatcgggt aaagccaatg attagaggca	240
tcgggggcgc aacgccctcg acctattctc aaactttaaa taggtaggac ggcgcggctg	300
ctccggtgag ccgcgccacg gaatcgggag ctccaagtgg gccatttttg gtaagcagaa	360
ctggcgatgc gggatgaacc ggaagcctgg ttacgggtgcc gaactgcgcg ctaacctaga	420
accacaaaag ggtgttggtc gattaagaca gcaggacggt ggtcatggaa gtcgaaatcc	480
gctaaggagt gtgtaacaac	500

<210> 38

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A009E11 R: the other terminus of DNA fragment A009E11 to A009E11 F.

<400> 38

tcgaggcggc cggccgcggc gcgtcggccg ggccggccttg gccggtggca cgggcccttg	60
ggggccttgcg cccctaacgt gggtcggggc gggcggcggg cgcaggcgcc gcttgctagc	120
ttggattctg acttagaggc gttcagtcac aatccggcac acggtagctt cgcgccactg	180
gcttttcaac caagcgcgat gaccaattgt gtgaatcaac ggttcctctc gtactagggt	240
gaattactat cgcggcacgg tcatcagtag ggtaaaacta acctgtctca cgacggtcta	300
aaccagctc acgttcctta ttggtgggtg aacaatccaa cacttggtga attctgcttc	360
acaatgatag gaagagccga catcgaagga tcaaaaagca acgtcgctat gaacgcttgg	420
ctgccacaag ccagttatcc ctgtggtaac ttttctgaca cctctagctt caaactccga	480
aggtctaaag gatcgatagg	500

<210> 39

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A008B02 F: one terminus of DNA fragment A008B02.

<400> 39

tcatatatta attctctctc tctaaaaata taaaaaaaaag gagtctgcgc accgagatct	60
gccataaaag gtccaagcca taacaagtga gaagctatac ggctcaattc taacataatt	120
accctaatat agctggctct ttgggggtatt tgaatattct ccaagaattc tgggtgcattt	180
accgttattg cttctgtaaa catagtagct aaataatccc aacgtgttac ataaggtaag	240
tattgtataa tagttcgggt ttccgcgatt ttttccattc ctctgtgtaa atagcctaatt	300
atgggttcac aatcaataac atcttcacca tcgagagtaa cgatcagtcg aagaacacca	360
tgcattgatg ggtgctgagg gcccatattg actatcatga	400

<210> 40

<211> 500

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A008B02 R: the other terminus of DNA fragment A008B02 to A008B02 F.

<400> 40

tcgaagacgc ggaatggtag tgaatagaga gaaagattct tctggttttc ttgttcctga	60
aaatattcta tctatctcct agacgcgta gagaattgag aattttcatg tctttcaatt	120
ctcgtactcg taattggaaa gttacggaag gagatccatc attttgcaat gaaaactaca	180
taaaaaactc tggacaattt cgaaatcagg ccaagcgtct taatacatat gcaaaaaaat	240
tcattattgg cccaccattg attagaagat ttaacttgta tgaatcgcta ttggtttgat	300
acgaataatg gcagttgttt cagtatgtta aggatacaga tgtatccaca attcatttag	360
agttacttaa tagcctattt ottataccat atctctatcc	400

<210> 41

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A083G04 F: one terminus of DNA fragment A083G04.

<400> 41

tcgatggtag gataggggcc taccatggtg gtgacgggtg acggagaatt agggttcgat	60
tccggagagg gagcctgaga aacggctacc acatccaagg aaggcagcag gcgcgcaa	120
taccaatcc tgacacgggg aggtagtac aataaataac aataccgggc gctttagtgt	180
ctggttaattg gaatgagtag aatctaaatc ccttaacgag gatccattgg agggcaagtc	240
tggtgccagc agccgcggta attccagctc caatagcgta tatttaagtt gttgcagtta	300
aaaagctcgt agttggacct tgggccgggc cggccggtcc gcctcacggc gagcaccgac	360
ctgctcgacc ottctgccgg cgatgcgctc ctggccttaa	400

<210> 42

<211> 360

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A083G04 R: the other terminus of DNA fragment A083G04 to A083G04 F.

<400> 42

tcgagttatc atgaatcatc ggatcagcgg gcggagcccg cgtcagcctt ttatctaata	60
aatgcgcccc tcccggaagt cggggtttgt tgcacgtatt agctctagaa ttactacggt	120
tatccgagta gcacgtacca tcaaacaaac tataactgat ttaatgagcc attcgagtt	180
tcacagttcg aattagttca tacttgcaca tgcattggctt aatctttgag acaagcatat	240
gactactggc aggatcaacc aggtagcacg tcctccgcga cgagcccgcg ccgtccgacg	300
cgcgtcgccg ccgcccccg gtcgggagcg gcggacacgg cggcggccgg gcgggctgtc	360

<210> 43

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A088E02 F: one terminus of DNA fragment A088E02.

<400> 43

tcgagcctcc accagagttt cctctggctt cgccccgctc aggcatagtt caccatcttt	60
cgggtcccga caggcgtgct ccaactcgaa cccttcacag aagatcaggg tcggccagcg	120
gtgcggcccc tgagggcctc ccgctcgtca gcttccttgc gcatcccagg tttcagaacc	180
cgtcgactcg cacgcatgtc agactccttg gtccgtgttt caagacgggt cggatgggga	240
gcccgcaggc cgttgcagcg cagcgccccg aggggcgcgc cagaggcgcg cggtgaccgg	300
ctgcgccgac gacggctgcc gggggcgcg agcccccggt ctttgccgc cggcgcggcc	360
gacaacggtc cacgccccga gccgatcggc ggaccagccg	400

<210> 44

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A088E02 R: the other terminus of DNA fragment A088E02 to A088E02 F.

<400> 44

tccaggcgtg gagcctgcgg ctttaatttga ctcaacacgg ggaaacttac caggtccaga	60
catagcaagg attgacagac tgagagctct ttcttgattc tatgggtggt ggtgcatggc	120
cgttcttagt tggaggagcg atttgtctgg ttaattccgt taacgaacga gacctcagcc	180
tactaactag ctatgcggag ccatccctcc gcagctagct tcttagaggg actatggccg	240
tttaggccac ggaagtttga ggcaataaca ggtctgtgat gcccttagat gttctgggcc	300
gcacgcgcgc tacactgatg tattcaacga gtatatagcc ttggccgaca ggcccgggta	360
atcttgggaa atttcatcgt gatggggata gatcattgca	400

<210> 45

<211> 400

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A089F12 F: one terminus of DNA fragment A089F12.

<400> 45

tgcagcagtc cgccggcagc cgacgggttc ggggccggga ccccgagcc cagccctcag	60
agccaatcct tttccgaag ttacggatcc gttttgccga cttcccttgc ctacattgtt	120
ccattggcca gaggtgttc accttgga cctgatgcgg ttatgagtac gaccgggcgt	180
ggacggtact cggctctccg gattttcaag ggccgccggg ggcgcaccgg acaccgcgcg	240
acgtgcggtg ctcttccggc cgctggaccc tacctccggc tgaaccgttt ccagggttgg	300
cgggccgtta agcagaaaag ataactcttc ccgaggcccc cgccggcgtc tccggacttc	360
ctaacgtcgc cgtcaaccgc cacgtcccgg ctccgggaaat	400

<210> 46

<211> 360

<212> DNA

<213> *Oryza rufipogon*

<220>

<223> A089F12 R: the other terminus of DNA fragment A089F12 to A089F12 F.

<400> 46

tcgaacagcc gactcagaac tggtagcgac aaggggaatc cgactgttta attaaaacaa	60
agcattgcga tggtcctcgc ggatgctgac gcaatgtgat ttctgccag tgctctgaat	120
gtcaaagtga agaaattcaa ccaagcgcg gtaaaccggc ggagtaacta tgactctctt	180
aaggtagcca aatgcctcgt catctaatta gtgacgcgca tgaatggatt aacgagattc	240
ccactgtccc tgtctactat ccagcgaaac cacagccaag ggaacgggct tggcggaatc	300
agcggggaaa gaagaccctg ttgagcttga ctctagtcg actttgtgaa atgacttgag	360

<210> 47

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A029B04 F.

<400> 47

tcgaatttga ccatgagata caga	24
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<210> 48

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A029B04 F.

<400> 48

aagaaaaaaaa tgcttgtgta ctga	24
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<210> 49

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A029B04 R.

<400> 49

tcgagctaataaactagcca agtg 24

<210> 50

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A029B04 R.

<400> 50

aagtaacatg agaaaaaaaaa acat 24

<210> 51

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A028C04 F.

<400> 51

tcgattaaga cagcaggacg gtgg 24

<210> 52

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A028C04 F.

<400> 52

gcaagtgccg ttcacatgga acct

24

<210> 53

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A028C04 R.

<400> 53

tcgagggcgt tgcgcccccg atgc

24

<210> 54

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A028C04 R.

<400> 54

ccgtcttgaa acacggacca agga

24

<210> 55

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A048F12 F.

<400> 55

tcgatgtagt cctcctcgag gccg

24

<210> 56

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A048F12 F.

<400> 56

caacaaccga gcaatacagt tcaa

24

<210> 57

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A048F12 R.

<400> 57

tcgagtggtc ggcgtccccc ggcc

24

<210> 58

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A048F12 R.

<400> 58

ccggagttca ccatgccccg gggc

24

<210> 59

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A049A01 F.

<400> 59

tcgaactaac gctaacaacg tgca 24

<210> 60

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A049A01 F.

<400> 60

atttggcgca tctgaacact gaac 24

<210> 61

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A049A01 R.

<400> 61

tcgagtgcca tcctottctc aatg 24

<210> 62

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A049A01 R.

<400> 62

gtttttgttc gttacaatga gaac

24

<210> 63

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A046A06 F.

<400> 63

tcgaactacc gagctccccc taat

24

<210> 64

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A046A06 F.

<400> 64

gtagctgaaa ggcgtaaccg tacc

24

<210> 65

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A046A06 R.

<400> 65

togaacttgt cttccaattt gcgt

24

<210> 66

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A046A06 R.

<400> 66

aaccccggaac ttcaatcaag tccc

24

<210> 67

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A045B09 F.

<400> 67

tcgacgacga cgcggcgaag ccga

24

<210> 68

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A045B09 F.

<400> 68

ccgccgcacg ccgccgtccc cgcg

24

<210> 69

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A045B09 R.

<400> 69

tcgaggatgc ctgtggagtg gtgt 24

<210> 70

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A045B09 R.

<400> 70

ccgtggaccg ccgcttcgtt tccc 24

<210> 71

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A049A07 F.

<400> 71

tcgagcagtc cgccggcagc cgac 24

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tcgaaccatc tagtagctgg ttcc 24

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gcttcagcgc catccatttt cggg 24

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tcgacggggtt ctgaaacctg ggat

24

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gagcagccgc gccgtcctac ctat

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tcgagccccc aactttcgtt cttg

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agcgtatatt taagttgttg cagt

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24

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24

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24

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<400> 82

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<210> 83

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tcgatgaaga acgtagcgaa atgc 24

<210> 84

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A051E08 F.

<400> 84

atatgcttaa actcagcggg tagt 24

<210> 85

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<210> 86

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<400> 87

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<400> 88

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<210> 89

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<210> 90

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<400> 90

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<210> 91

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tcgaagcttc acagttgata act 24

<210> 92

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24

<210> 93

<211> 24

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<210> 94

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24

<210> 95

<211> 24

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24

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aacatccaac agattgagac act

24

<210> 97

<211> 24

<212> DNA

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<223> forward primer for amplifying DNA fragment A043F04 R.

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tcgatagcac cattgggact atac

24

<210> 98

<211> 24

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tgattcgaac aaatttaggg tatt

24

<210> 99

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24

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<211> 24

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24

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<211> 24

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24

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<211> 24

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ggatggccgg gctgccacgc gcac

24

<210> 103

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tcgaccgaat cgggttttcg

20

<210> 104

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accgaaaact gtgtgcgagc

20

<210> 105

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<223> forward primer for amplifying DNA fragment A010C09 R.

<400> 105

tcgatgtcgg ctcttcctat . 20

<210> 106

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<400> 106

gggctggatc tcagtggatc . 20

<210> 107

<211> 20

<212> DNA

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<400> 107

tcgagttagg gatttgattg . 20

<210> 108

<211> 20

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<400> 108

aatttgtaat gctgcatct

20

<210> 109

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20

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20

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20

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20

<210> 113

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<400> 113

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20

<210> 114

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<400> 114

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<210> 115

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<400> 115

tcgagtttga ttcggattcg 20

<210> 116

<211> 20

<212> DNA

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<400> 116

ggcggcggcg gctcggcgga 20

<210> 117

<211> 20

<212> DNA

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<400> 117

tcgaatagcc gtgcccgcgg 20

<210> 118

<211> 20

<212> DNA

<213> artificial sequence

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<223> reverse primer for amplifying DNA fragment A009F06 R.

<400> 118

tctaagcagc ggaaaataaa

20

<210> 119

<211> 20

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A009E11 F.

<400> 119

tcgagttgga gcacgcctgt

20

<210> 120

<211> 20

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A009E11 F.

<400> 120

gttggttacac actccttagc

20

<210> 121

<211> 20

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<213> artificial sequence

<220>

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<400> 121

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20

<210> 122

<211> 20

<212> DNA

<213> artificial sequence

<220>

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<400> 122

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20

<210> 123

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A008B02 F.

<400> 123

tcatatatta attctctctc tcta

24

<210> 124

<211> 20

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A008B02 F.

<400> 124

tcatgatagt caatatgggc cctc

24

<210> 125

<211> 24

<212> DNA

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<400> 125

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24

<210> 126

<211> 20

<212> DNA

<213> artificial sequence

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<400> 126

ggatagagat atggtataag aaat

24

<210> 127

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A083G04 F.

<400> 127

tcgatggtag gataggggcc tacc

24

<210> 128

<211> 20

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A083G04 F.

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ttaaggccag gagcgcatcg ccgg

24

<210> 129

<211> 24

<212> DNA

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<220>

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<400> 129

tcgagttatc atgaatcatc ggat

24

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<223> reverse primer for amplifying DNA fragment A083G04 R.

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gacagcccgc ccggccgccg ccgt

24

<210> 131

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<212> DNA

<213> artificial sequence

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24

<210> 132

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cggctggtcc gccgatcggc tcgg

24

<210> 133

<211> 24

<212> DNA

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<220>

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<400> 133

tccaggcgtg gagcctgcgg ccta

24

<210> 134

<211> 20

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A088E02 R.

<400> 134

tgcaatgatac tatccccatc acga

24

<210> 135

<211> 24

<212> DNA

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<220>

<223> forward primer for amplifying DNA fragment A089F12 F.

<400> 135

tcgagcagtc cgccggcagc cgac

24

<210> 136

<211> 20

<212> DNA

<213> artificial sequence

<220>

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<400> 136

atttcccagc ccgggacgtg gcgg

24

<210> 137

<211> 24

<212> DNA

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<220>

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<400> 137

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24

<210> 138

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<223> reverse primer for amplifying DNA fragment A089F12 R.

<400> 138

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24

<210> 139

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<212> DNA

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<220>

<223> vector region primer used in PCR1

<400> 140

ctgaaggcgg aaacgacaat tg

22

<210> 140

<211> 22

<212> DNA

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<223> vector region primer used in PCR3

<400> 140

aactgcactt aaacaagtgt ac

24

<210> 141

<211> 24

<212> DNA

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<220>

<223> primer specific to the genome DNA fragment AS4 used in PCR1

<400> 141

gattccgacc tctacacgaa caac 24

<210> 142

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<223> primer specific to the genome DNA fragment AS8 used in PCR1

<400> 142

agaaacccta gccgtcactt ccct 24

<210> 143

<211> 24

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<223> primer specific to the genome DNA fragment AS19 used in PCR1

<400> 143

tcaagtcatt tcacaaagtc ggac 24

<210> 144

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<212> DNA

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<223> primer specific to the genome DNA fragment AS20 used in PCR1

<400> 144

gcttagaggt gaaaatggta acgg 24

<210> 145

<211> 24

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<223> primer specific to the genome DNA fragment AS22 used in PCR1

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ttctgtcctt gttcgatttg tcag 24

<210> 146

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<212> DNA

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<223> primer specific to the genome DNA fragment AS27 used in PCR1

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ccggattcac cgtggtacga aagg 24

<210> 147

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<212> DNA

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<223> primer specific to the genome DNA fragment AS28 used in PCR1

<400> 147

ttccaattac cagacactaa agcg 24

<210> 148

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<212> DNA

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<400> 148

tggcaccaga cttgccctcc aatg 24

<210> 149

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<220>

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<400> 149

gtacggcctg ggtcactcac tgtc 24

<210> 150

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<400> 150

tcatcatcct gttatctaga ctcc 24

<210> 151

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<223> P primer specific to the genome DNA fragment AS19 used in PCR3

<400> 151

tacttattcc gtgagtcgga agcg 24

<210> 152

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<212> DNA

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<220>

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<400> 152

tccagtgtta tgatgtttgg gctg 24

<210> 153

<211> 24

<212> DNA

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<220>

<223> primer specific to the genome DNA fragment AS22 used in PCR3

<400> 153

aactcatctt taatcccagt ttgc 24

<210> 154

<211> 24

<212> DNA

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<220>

<223> primer specific to the genome DNA fragment AS27 used in PCR3

<400> 154

taacgccata aacaagtgtc actc 24

<210> 155

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> primer specific to the genome DNA fragment AS28 used in PCR3

<400> 155

gaactgtgaa actgcgaatg gctc 24

<210> 156

<211> 24

<212> DNA

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<220>

<223> primer specific to the genome DNA fragment AS30 used in PCR3

<400> 156

aaatccacac gactctcggc aacg 24

<210> 157

<211> 24

<212> DNA

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<223> primer specific to the central portion of the genome DNA fragment AS4
used in PCR2

<400> 157

tgggctccag cagaaacgaa ccct 24

<210> 158

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<212> DNA

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<220>

<223> primer specific to the central portion of the genome DNA fragment AS4
used in PCR2 (reverse)

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cttatattta ggaacggagt gagt 24

<210> 159

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<220>

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used in PCR2

<400> 159

aagcgaaggc accccttcac at 22

<210> 160

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used in PCR2 (reverse)

<400> 160

acgaggagcc cgacaaggag ac 22

<210> 161

<211> 24

<212> DNA

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<220>

<223> primer specific to the central portion of the genome DNA fragment AS22 used in PCR2

<400> 161

tgaaatacca ctcatgaact tccg 24

<210> 162

<211> 24

<212> DNA

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<220>

<223> > primer specific to the central portion of the genome DNA fragment AS22 used in PCR2 (reverse)

<400> 162

attatctgtt gtgtccgaaa tgtg 24